

In the claims:

All claims standing for examination are reproduced below with appropriate status indication:

1. (Previously presented) A networking system for a home or business site, comprising:
a bridge adapter unit at the home or business site receiving public network protocol signals; and
an asymmetric star telephone wiring structure in the site to the bridge adapter unit;
characterized in that the bridge adapter unit translates the received public network protocol signals to a LAN protocol, and modulates the translated signals on the telephone wiring structure using high-frequency modulation compatible with asymmetric star wiring, also known as Christmas tree wiring.
2. (Previously presented) The networking system of claim 1 further comprising one or more converters connected at individual ones of the end points, the one or more converters comprising each an outlet port to connect to a single-media or a multi-media device, the converters converting the LAN signals to a form required by the single-media or multi-media device.
3. (Previously presented) The networking system of claim 2 further comprising one or more single-media or multi-media devices connected to one or more of the converters.
4. (Previously presented) The networking system of claim 3 wherein the single-media and multi-media electronic devices include one or more of telephones, personal computers, fax machines, and televisions running through set top boxes.
- 5 - 6. (Canceled)

7. (Previously presented) A method for implementing a networking system, comprising the steps of:

- (a) delivering public network protocol signals to a level of a home or business site;
- (b) installing a bridge adapter unit having a first connection point for connecting to an external communication network and receiving public network protocol signals at the site;
- (c) connecting a an asymmetric star telephone wiring structure to the bridge adapter unit;
- (d) translating and converting the public network protocol signals into a LAN protocol; and
- (e) modulating the translated signals on the telephone wiring structure using high-frequency modulation compatible with asymmetric star wiring, also known as Christmas tree wiring.

8. (Previously presented) The method of claim 7 comprising a further step installing one or more converters connected at individual ones of the end points, the one or more converters comprising each an outlet port to connect to a single-media or a multi-media device, the converters converting the LAN signals to a form required by the single-media or multi-media device.

9. (Previously presented) The method of claim 8 wherein, in the further step, the single-media or multi-media devices include one or more of telephones, personal computers, fax machines, and televisions running through set-top boxes.

10-13. (Canceled)

14. (Previously presented) The networking system of claim 3 wherein individual ones of the converters are integrated into individual ones of the single-media or multi-media

devices.

15. (Previously presented) The networking system of claim 3 wherein individual ones of the converters are internal modules of individual ones of the single-media or multi-media devices.

16. (Previously presented) The method of claim 8 wherein individual ones of the converters are integrated into individual ones of the single-media or multi-media devices.

17. (Previously presented) The method of claim 8 wherein individual ones of the converters are internal modules in individual ones of the single-media or multi-media devices.